

ABSTRACT

An external infusion device for infusion of a fluid into a body from a reservoir includes a drive system, a housing, electronic control circuitry and at least one vent port. The drive system is operatively coupled with a reservoir to infuse a fluid into a body. The housing is adapted for use on an exterior of the body, and is sized to contain at least a portion of a reservoir. In addition, the drive mechanism is at least partially contained within the housing, and operatively couples with the at least a portion of a reservoir within the housing. Also, the housing is sized to be carried by a user without significant restriction on mobility. The electronic control circuitry is coupled to the drive system to control infusion of the fluid into the body. Moreover, the housing has at least one vent port that permits the passage of air into and out of the housing and inhibits the passage of liquids into the housing through the at least one vent port.